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**“जानने का अधिकार, जीने का अधिकार”**

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

**“पुराने को छोड़ नये के तरफ”**

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 11719-1-2 (1986): Dimensions of mechanical structures of the 482.6 mm series, Part 1: Cabinets and pitches of rack structures, Section 2: Pitches of rack structures [LITD 3: Electromechanical Components and Mechanical Structures for Electronic Equipment]

**“ज्ञान से एक नये भारत का निर्माण”**

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



**“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”**

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”





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*Indian Standard*

## DIMENSIONS OF MECHANICAL STRUCTURES OF THE 482·6 mm SERIES

### PART 1 CABINETS AND PITCHES OF RACK STRUCTURES

#### Section 2 Pitches of Rack Structures

**1. Scope** — Covers the pitches of fixed rack structures used in 482·6 mm rack and panel electronic equipment practice.

**1.1** It does not cover heights and depths of such structures.

**2. Description**

**2.1 Fixed Rack Structures** — For the purpose of this standard, a fixed rack structure is defined as a series of pairs of vertical members, spaced on a predetermined pitch, fixed to the floor at the bottom and to the ceiling and/or wall at the top. Each pair of vertical members will allow the attachment of panels, etc, in accordance with IS : 9606-1980 'Dimensions of panels and racks (482·6 mm system)'. The pitch of the fixed rack structures is equal to the theoretical centre distance of a plurality of racks. Each rack vertical member may be separated from or combined with the vertical member of the adjacent rack provided the pitch is maintained.

**2.2 Pitches of Fixed Rack Structures** — The pitches of fixed rack structures are the distances between datum lines for the mounting of racks in a row. The pitches of fixed rack structures are given in Fig. 1.

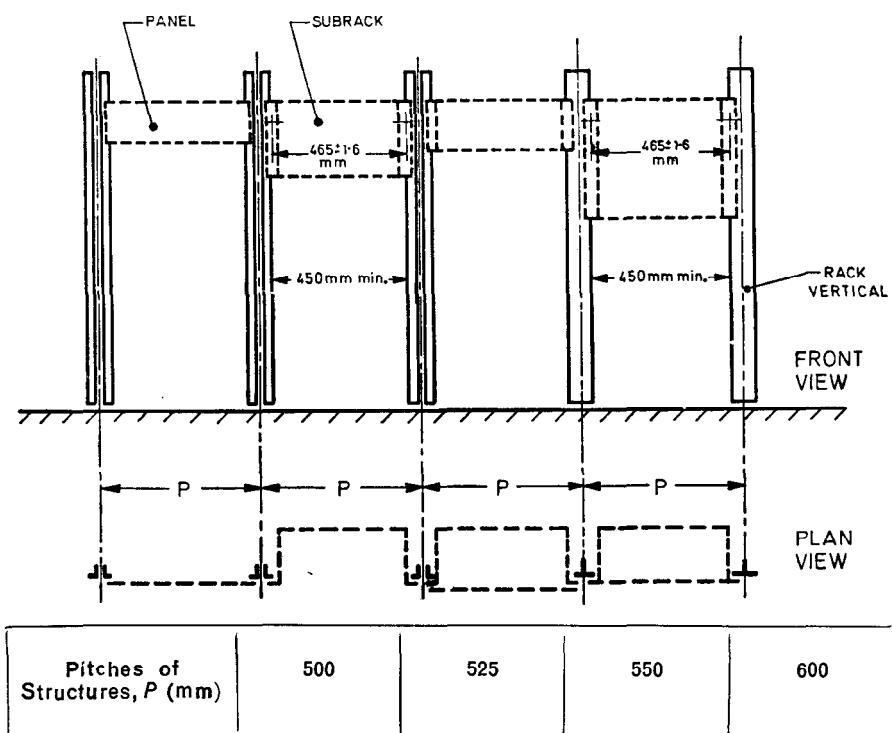


FIG. 1 PITCHES OF FIXED RACK STRUCTURES

#### EXPLANATORY NOTE

This standard (Part 1) is based, without any technical change, on IEC Pub 297-2 (1982) 'Dimensions of mechanical structures of the 482·6 mm (19 inch) series', issued by the International Electrotechnical Commission (IEC).